The project was sold to me on this basis.

My question was: What does mankind hope to learn? And the answer of the scientists was we don't exactly know, and that is the reason we want to do it, but we do hope to learn lots of things about outer space that will be valuable to the scientific world.

They did mention such things as temperatures, radiation, ionization, pressures, I believe residual pressures, from such air as would be at the altitude where successful orbiting was possible. That is the kind of information the scientists were looking for, and which they hoped to obtain from this project.

Now, in the first instance, they thought they would merely put up a satellite, and very quickly they found they thought they could put up a satellite with a considerable instrumentation to get, even during the Geophysical Year, tne kind of information to which I have just referred.

So they came back, said they needed some more money. This time they went up to 66 million dollars and we said all right, in view of the fact we are conducting this basic research this seems logical. So we did that.

Then they came back, and I forget which one of the steps it came along, and they realized when you put this machine in the air, you had to have some very specially equipped observation stations, so the money, the sum of money, again went up to provide for these observation stations; and so the final sum approved, I think about a year ago, something of that kind, was 110 million dollars, with notice that that might have to go up even still more.

There never has been one nickel asked for accelerating the program. Never has it been considered as a race; merely an engagement on our part to put up a vehicle of this kind during the period that I have already mentioned.

Again emphasizing the non-military character of the effort, we have kept the Geophysical Year Committees of other nations fully informed all the time -- as, for example, the frequencies we would use when we put this in the air so that everybody, all nations, could from the beginning track it exactly -- know exactly where it was. And I believe it was 108 megacycles we were to use, and that was agreed throughout the world.

We are still going ahead on this program to make certain that before the end of the calendar year 1958, we have put a vehicle in the air with the maximum ability that we can